

Appl. No. 10/812,248
Response to Office action mailed May 9, 2006

REMARKS

The Examiner has imposed a restriction requirement dividing the pending claims into three groups as follows:

- I. Claims 1-10, drawn to a method of producing an integrated transgene in an avian cell by introducing a nucleic acid comprising a non-lethal marker gene into an avian cell by electroporating, and allowing the cell to undergo cellular division, thereby producing an integrated transgene in an avian cell, classified in class 435, subclass 461.
- II. Claims 11-18, drawn to a method of producing a transgenic avian by injecting an electroporated avian cell comprising a coding sequence for a light chain or heavy chain of an antibody into an avian embryo, classified in class 800, subclass 21.
- III. Claims 11-16, 19 and 20, drawn to a method of producing a transgenic avian by injecting an electroporated avian cell comprising a coding sequence for an interferon into an avian embryo, classified in class 800, subclass 21.
- IV. Claims 21-32, drawn to a method of screening for nucleic acid integration in a cellular genome comprising transforming a nucleic acid comprising a marker into a recipient avian cell and determining if the nucleic acid is present in an equal copy number in cells of a colony produced by the recipient avian cell, thereby screening for nucleic acid integration in a cellular genome, classified in various classes and subclasses.

Applicant elects without traverse the Group I claims.

Applicant has amended the claims to comply with the Examiner's restriction requirement and to more clearly point out what the applicant considers to be the invention. Support for new claims 33 to 42 can be found, for example, in originally filed claims 1 to 10 and the first paragraph of the Summary at page 4 where it is indicated that the methods of the invention of transforming avian cells may include transforming totipotent cells. Applicant has amended the specification to include a Government Rights Statement. No new matter is believed to be introduced by the present

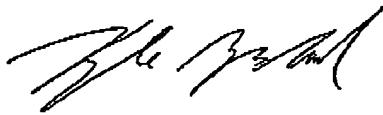
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preliminary amendment and, therefore, entry and consideration of same is believed proper and respectfully requested.

If any issues remain to be addressed in this matter, which might be resolved by discussion, the Examiner is respectfully requested to call applicants' undersigned counsel at the number indicated below.

Respectfully submitted,



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